DRILLING REPORT

WELL:	UL Fremont 38-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 137	
RPT DATE:	June 13, 2017			SPUD DATE:	5/24/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372300000	DFS:	20	Conductor	20			106	106
				REPORT NO:	21	Surface	13-3/8	55	J-55	1,030	1,029
FIELD:	Phantom (Wolfcamp)			DOL:	25	Intermediate	10-3/4	46	J-55	4,959	4,927
ELEV:		RKB:		LAST BOP TEST:	5/23/17	Intermediate	7-5/8	30	P-110HC	11,198	11,165
MD:	13,385	TVD:	13,332								
24 HR FTG:	55	HRS DRLG:	1	CSGHD:							

DRILLING FLUID — SHOE TEST:

TIME	MW	FV	WL	3RPM	6RPM	PH	CAKE	GELS (10s/10m/30m)			PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
16:00	13.5	76.0	7.5	8	9			12	19	20	29	14	41,000				20,000	57.20	9.24	250.00

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1			
#2	50	1,650	13,155

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
10	6.75	Security	MM64D	12918352	6-14		13,330	13,385	55	1.0	24	114	55

BIT NO.	10	INNER	2	OUTER	2	DULL	CT	LOC	SH	SEAL		GAUGE	IN	OTHER	WT	RP	TD

HYDRAULICS DATA

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	Hong Hua	HHF 1600	5.000	12.000										
2	Hong Hua	HHF 1600	5.000	12.000										

BHA

DESCRIPTION:	Pilot Hole						
LENGTH	13,385.00	BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.		P.U. WT.		S.O. WT.		TORQUE	18,000
TIME MADE UP	09:00	DATE MADE UP	6/8/2017	TIME PULLED	12:00	DATE PULLED	6/12/2017

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
13,202	1.90	7.60	13,167	-248.0	258.3		-154.8	0.3
13,296	2.40	5.70	13,261	-244.5	258.7		-156.4	0.5
13,337	2.50	9.60	13,302	-242.7	258.9		-157.3	0.5

CONSUMABLES — DIESEL FUEL (gal) Rvcd/Used/On Hand: — DRILL H2O (gal) Rcvd/Used/On Hand:

OPERATIONS TIME LOG

FROM	TO	HRS	CODE		Start MD	End MD
06:00	07:00	1.0	Drilling	Drill pilot hole f/13,330'- 13,385', (55' @ 55 fph,) 3800 psi,400 dif, 24 wob,70 rot, 250 gpm,115 bit rpm	13330	13385
07:00	09:00	2.0	Cond Mud & Circ	Circulate bottoms up x 2, check flow,pump slug	13385	13385
09:00	11:00	2.0	Trips	Short trip to 11,200' , back to bottom. No hole problems	13385	13385
11:00	12:30	1.5	Cond Mud & Circ	Circulate bottoms up, 6361 gas units	13385	13385
12:30	18:00	5.5	Trips	P.o.o.H from 13,385' to 94'	13385	13385
18:00	19:00	1.0	Dir Work	Drain mud motor, break bit, pull MWD, rack back in derrick.	13385	13385
19:00	20:30	1.5	Wire Line Logs	PJSM, rig up logging crew	13385	13385
20:30	06:00	9.5	Wire Line Logs	Run wireline logs, caliper log, Tcom complete. While running CMR litho scanner, encountered multiple tight spots logged from 13,385' to 12,450' and 12,100' to 11,800'. Matt Bircher was called decision made to pull tools out of hole to avoid becoming stuck. Go through mud pumps, clean suction manifold, check shaker deck rubbers replace as needed.	13385	13385
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Clear	WIND SPEED:	11-17 MPH	WIND DIRECTION:	SE	TEMP:	77
COMMENTS:	104? forecast						